

Figure 6 Oligosaccharide structure

cybm11b_01 8352-976 RT: 14.12-14.60 AV:4 NL: 2.20E3
T: -o d Full ms2 1041.28@40.00 [275.00-1055.00]

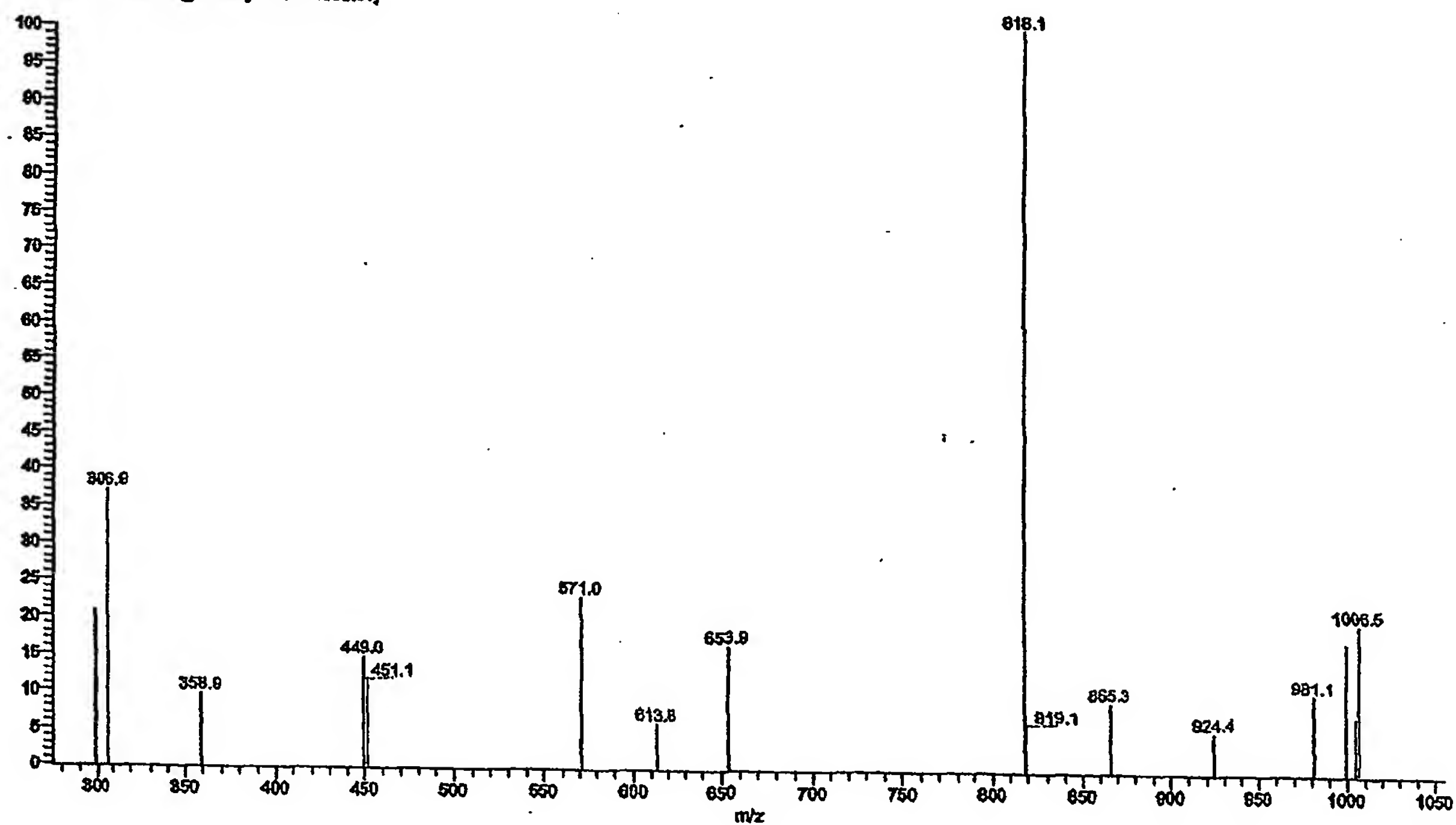


Figure 7 Spectra for oligosaccharide shown in Figure 6

Score	Missed intensities	Grouping score	Structure
.8	123.6	5 out of 5 using 4 double fragments	
.8	156.32	5 out of 5 using 4 double fragments	
.7	141.82	4 out of 5 using 2 double fragments	
.7	147.65	4 out of 5 using 2 double fragments	
.7	162.15	4 out of 5 using 2 double fragments	

Fig 8a

Score	Missed Intensities	Grouping score	Structure
.65	266.98	4 out of 5 using 3 double fragments	
.45	286.4	3 out of 5 using 3 double fragments	
.4	278.51	2 out of 5	
.35	232.08	2 out of 5 with 1 double fragment counted	
.35	232.08	2 out of 5 using 1 double fragment	

Fig 8b

Score	Missed Intensities	Grouping score	Structure
35	235.24	2 out of 5 using 1 double fragment	
35	235.57	2 out of 5 using 1 double fragment	
35	241.07	2 out of 5 using 1 double fragment	
35	255.57	2 out of 5 using 1 double fragment	

Fig. 8c

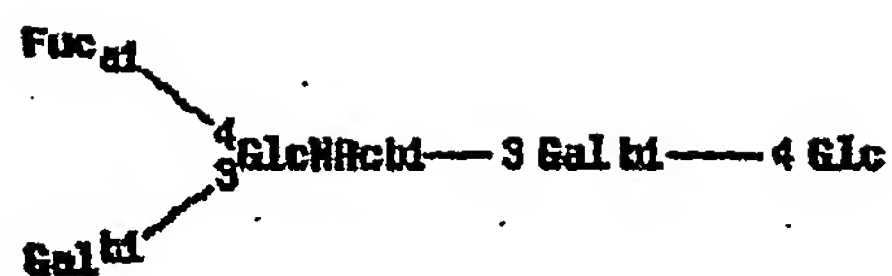


Figure 9

Ln12-49-49 RT: 0.28-0.82 AV: 41 NL: 6.08E4
T: -eFull ms2 852.20@40.00 [220.00-2000.00]

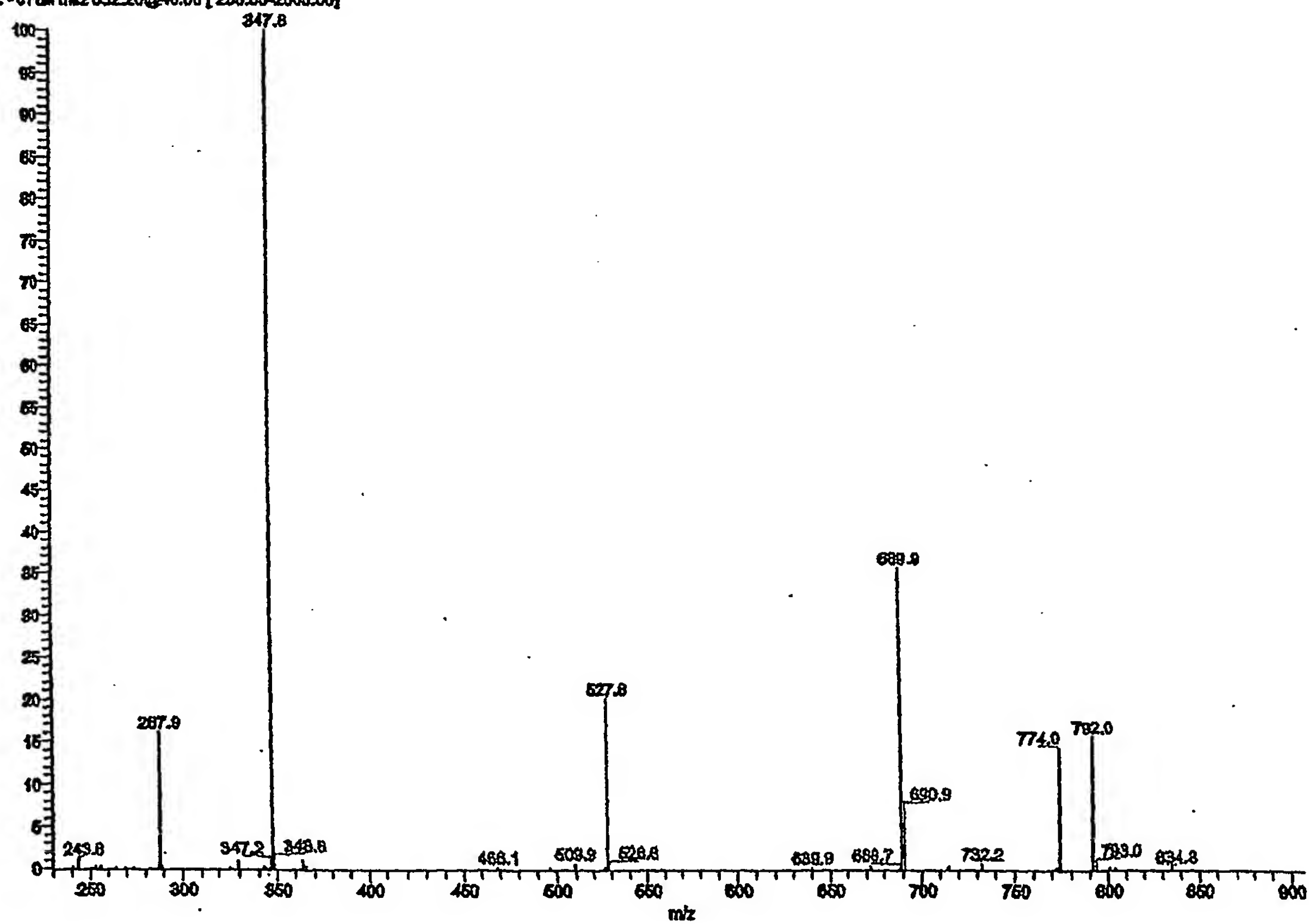


Figure: 10

Score	Missed Intensities	Grouping score	Structure
1	29.91	4 out of 4	
1	131.43	4 out of 4	
1	131.43	4 out of 4	
1	131.43	4 out of 4	
.9375	124.3	4 out of 4 using 1 double fragment	
.75	124.87	3 out of 4	
.375	190.01	2 out of 4 using 2 double fragments	

Fig 11.

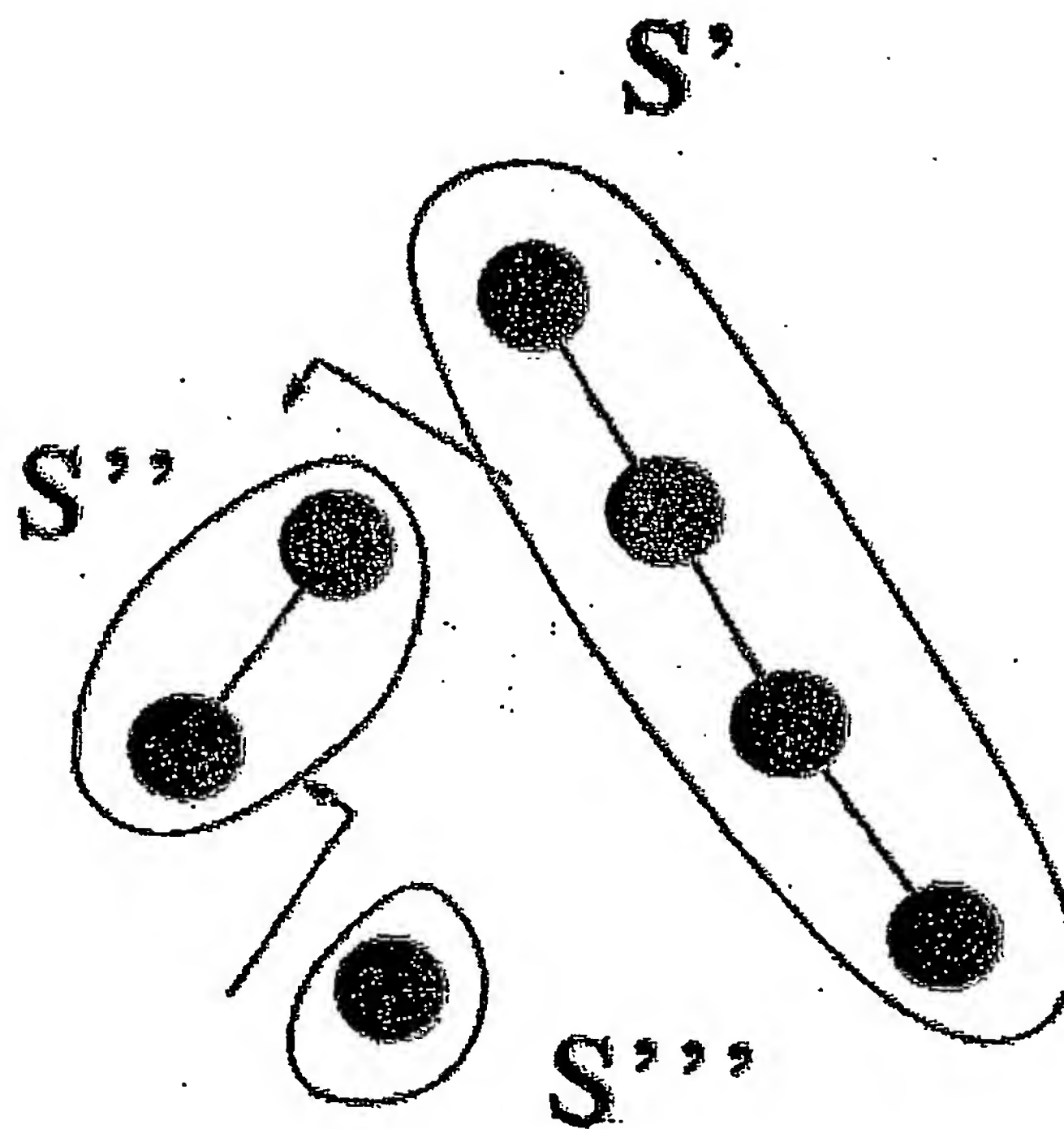


FIG. 13

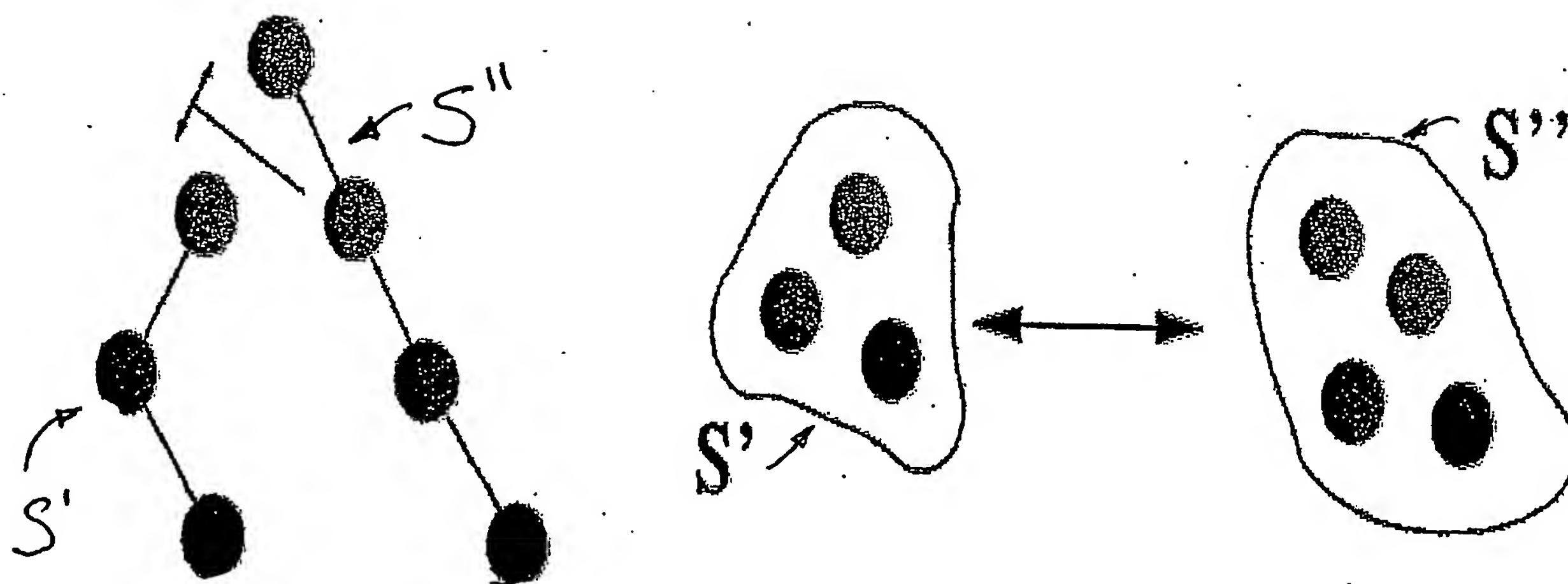
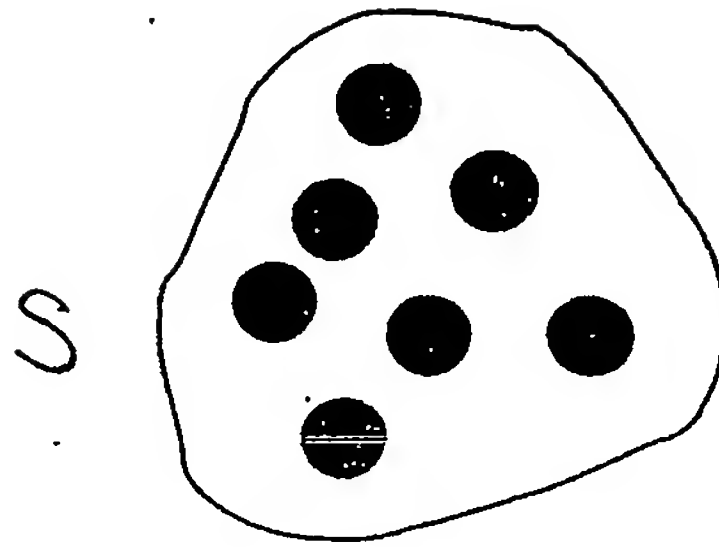


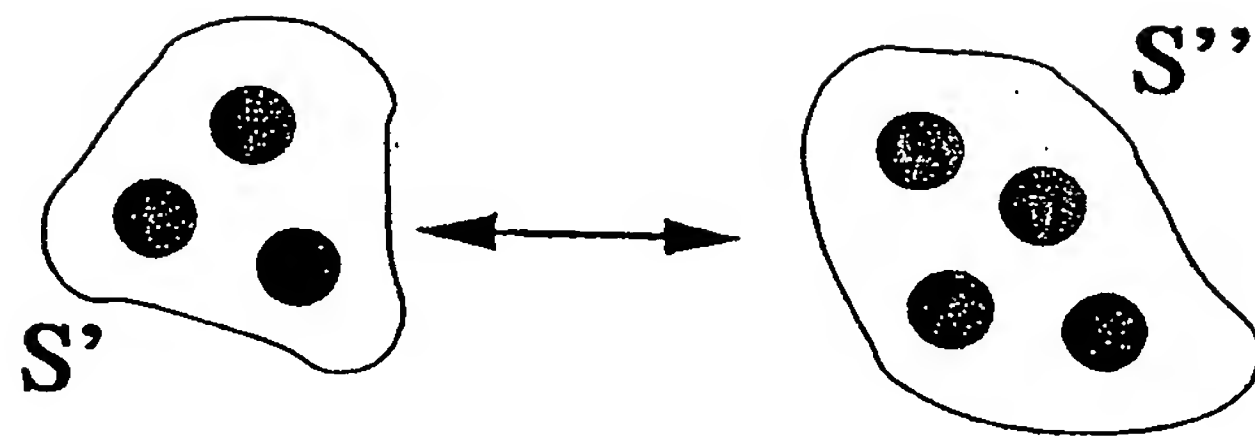
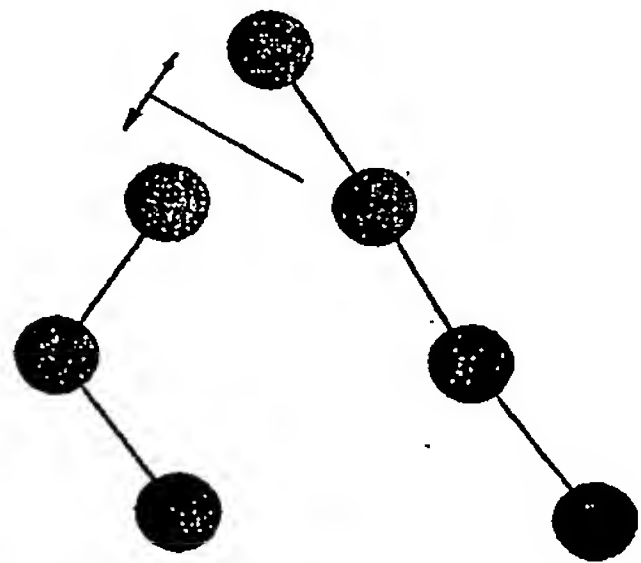
FIG. 12

Fig. 14

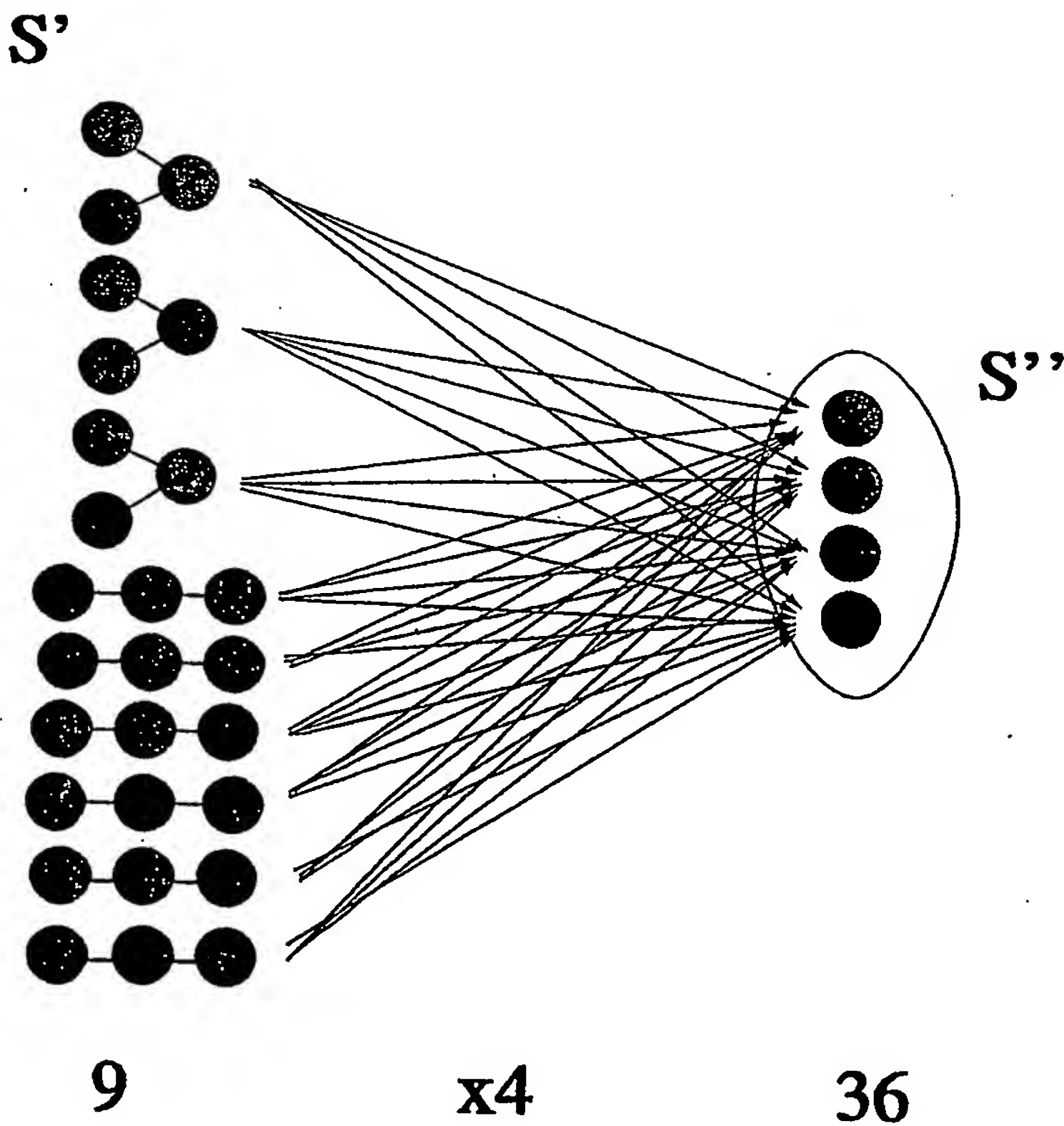
a) No evidence



b) Single fragmentation



c)



$$x64 = 2304$$

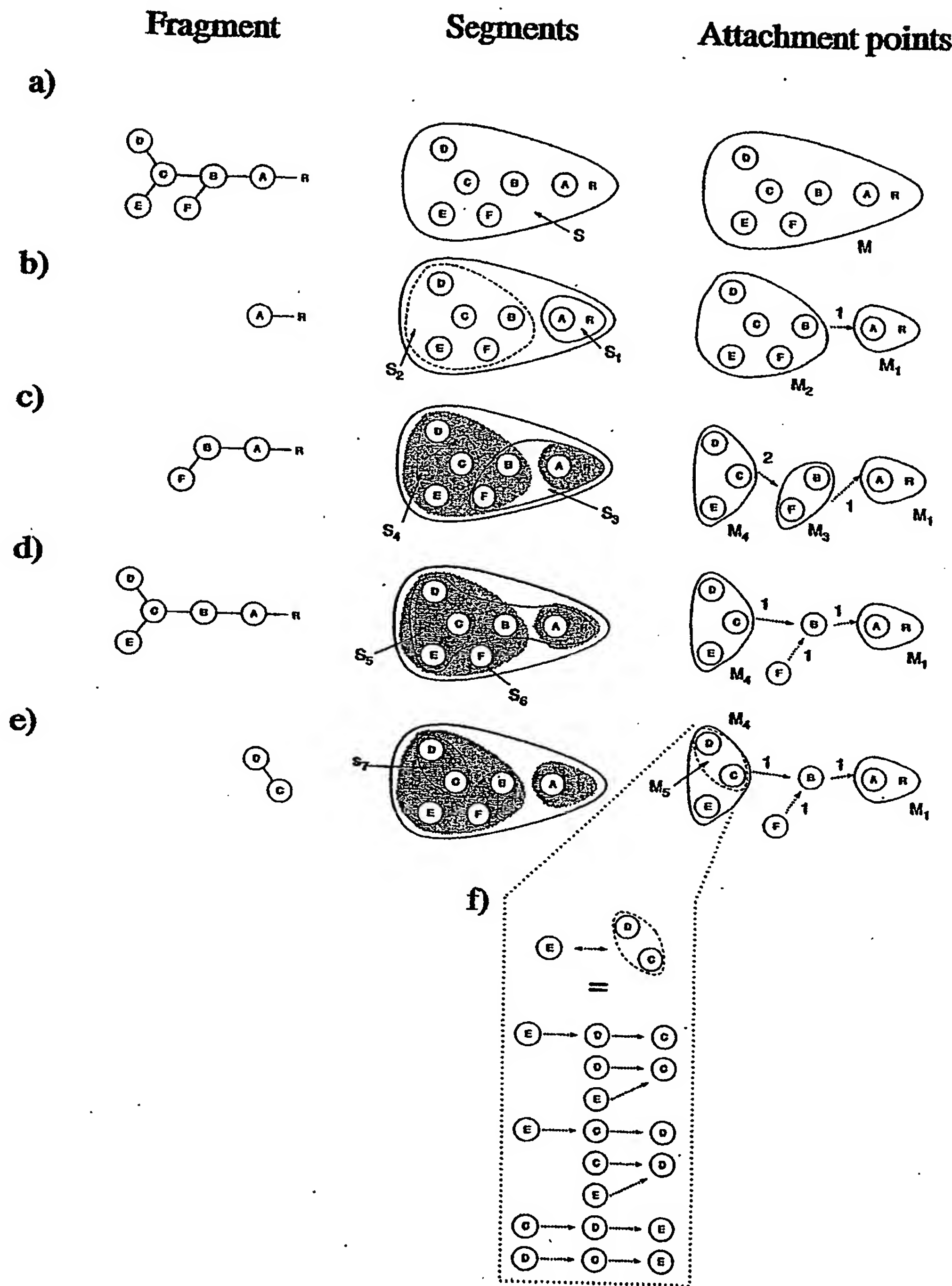


Fig 15

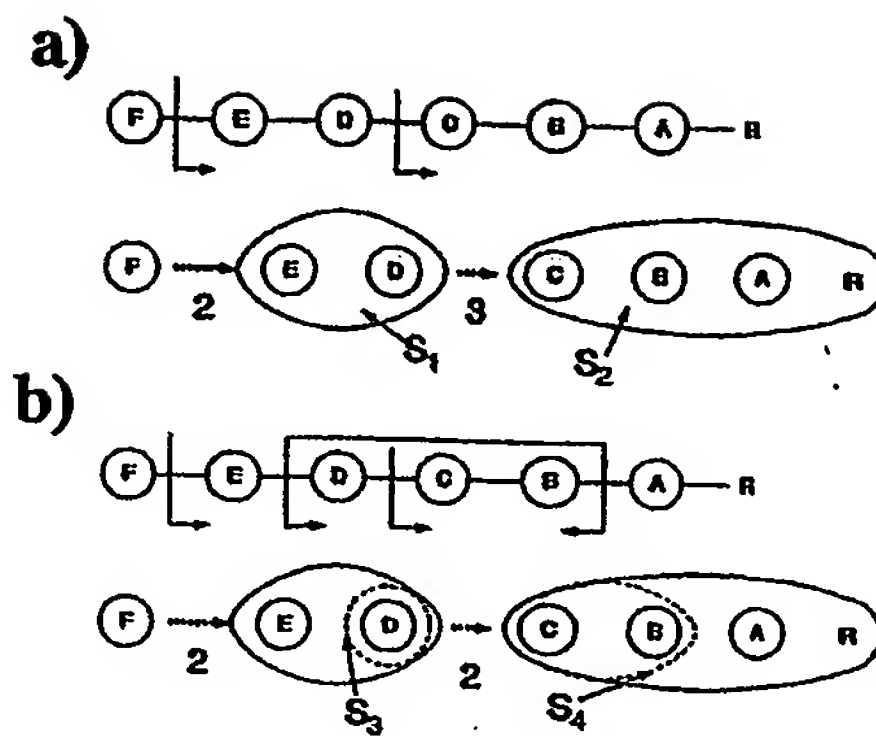


FIG. 16